
1. (Twice Amended) A side-emitting illumination device for
B2 uniformly distributing light comprising:

an LED light source,

a light-transmitting rod which permits total internal
reflection, and

outcoupling material affixed to an outer surface of the rod,
wherein the width of the outcoupling material affixed to an outer
surface of the rod controls the angular distribution of light
leaving the side of the rod.

Please add the following new Claim 19:

--19. (New) A method of controlling the angular distribution of
B3 light leaving the side of a side-emitting illumination device for
uniformly distributing light comprising:

providing a light-transmitting rod which permits total
internal reflection with an outcoupling material along its side;

controlling the width of the outcoupling material to
achieve a desired angular distribution of light leaving the side of
the rod; and

illuminating the light-transmitting rod with an LED light
source.--
